


<b>Search Notes</b>  	<b>Application/Control No.</b>  10727817	<b>Applicant(s)/Patent Under Reexamination</b>  KUCHTA ET AL.
	<b>Examiner</b>  Kim, David S	<b>Art Unit</b>  2613

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
case transfer request to class 372 under art unit 2828 denied by Examiner Tod Van Roy, Examiner Van Roy suggested class/subclass 372/38.02 for search	10/17/2006	DSK
case transfer request to class 257 under art unit 2811 denied by SPE Stephen Loke	10/31/2006	DSK
EAST search - see search history printout	12/18/2006	DSK, 12/19-12/21, 1/17/2006
consulted Examiner Benny Lee, Examiner Lee indicated unlikely transfer to class 333 under art unit 2817, Examiner Lee suggested class/subclasses 333/33, 34, 246 for search	12/18/2006	DSK
consulted Examiner Stephen Jones, Examiner Jones indicated unlikely transfer to class 333 under art unit 2817, Examiner Jones noted that the "shield" limitation of claim 1 would not be in class 333 and suggested class/subclasses 361/748, 752, 753, 777, 794 for search, Examiner Jones also suggested art unit 2835 for search assistance	12/19/2006	DSK
consulted Examiner Yean-Hsi Chang, Examiner Chang indicated unlikely transfer to class 361 under art unit 2835, Examiner Chang suggested class/subclasses 361/816-818 for search for "shield" limitation of claim 1	12/19/2006	DSK
text search in class/subclasses 333/246-247	12/19/2006	DSK
www.google.com - various combinations of following search terms: parasitic effect effects capacitance land wiki "capacitance land" inductors layer synonym thesaurus	12/19/2006	DSK, 12/20/06
www.google.com/patents - various combinations of the following search terms: laser optical choke bias DC direct current impedance match rf r.f. radio frequency	12/20/2006	DSK
scholar.google.com - various combinations of the following search terms: choke bias DC direct current rf radio frequency r.f. decouple isolate shield dielectric mount layer substrate stratum strata parasitic effects "direct current"	12/20/2006	DSK, 12/21 - 12/22/06
SPE Jason Chan suggested consulting SPE Stephen Loke about class 257 under art unit 2811, SPE Loke suggested class/subclass 257/347 for search and suggested the term "silicon on insulator" for search	12/20/2006	DSK
text search in class/subclass 372/38.1-38.09	12/20/2006	DSK

## SEARCH NOTES

Search Notes	Date	Examiner
consulted Examiner Sara Crane in art unit 2811 about class 257 and "shield" limitation of claim 1, the "shield" limitation was unfamiliar to Examiner Crane	12/21/2006	DSK
consulted Examiner Bao Vu in art unit 2838 about class 323 and "shield" limitation of claim 1, the "shield" limitation appears common to Examiner Vu, Examiner Vu suggested class 363/39 for search	12/21/2006	DSK
consulted Examiner Henry Choe in art unit 2817 about class 330 and "shield" limitation of claim 1, Examiner Choe indicated that the "shield" limitation is not in class 330	12/21/2006	DSK
consulted Examiner Zeev Kitov in art unit 2836 about class 361 and "shield" limitation of claim 1, Examiner Zitov indicated that the "shield" limitation may be obvious	12/21/2006	DSK
text search in class/subclass 257/506	12/21/2006	DSK
text search in class/subclass 372/38.02	1/17/2007	DSK
text search in class/subclass 333/33-34,246	1/17/2007	DSK
text search in class/subclass 257/347	1/17/2007	DSK
text search in class 361	1/17/2007	DSK
text search in class/subclass 363/39	1/17/2007	DSK
EAST search - see search history printout	7/6/2007	DSK, 7/7, 7/9/07
text search in class/subclasses 336/84R-84M,87	7/7/2007	DSK
text search in class/subclass 361/816-821	7/7/2007	DSK
text search in class/subclass 257/659	7/7/2007	DSK
www.google.com - various combinations of the following terms: electric shield dielectric wiki shielding RF line microstrip	7/7/2007	DSK
scholar.google.com - various combinations of the following terms: line shape dimension shield RF signal transmission "line as shield" "RF line as shield" "RF path as shield" impedance matching dimensioning choke trace "part of"	7/7/2007	DSK, 7/9/07
consulted with SPE Stephen Jackson in art unit 2836 about "shield" limitation of claim 1, SPE Jackson indicated that the "shield" limitation may be difficult to find	7/9/2007	DSK
consulted with Examiner Kenneth Wells in art unit 2816 about "shield" limitation of claim 1, Examiner Wells suggested searching in 361/816+	7/9/2007	DSK
referred to Principles of Electronic Instrumentation, 2nd ed. by A. James Diefenderfer	12/14/2007	DSK
Interference search on EAST	5/22/2008	DSK

## INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
text search on EAST		5/22/2008	DSK